

ABSTRACT OF THE DISCLOSURE

[116] Replication-competent adenoviral vectors comprising an EBV-specific transcriptional regulatory element (TRE) operably linked to a gene required for adenovirus replication are provided. By providing for transcriptional initiating regulation dependent upon transcription factors that are only active in specific, limited cell types, virus replication can be restricted to particular target cells. The modified adenovirus may be used as a vehicle for introducing new genetic capability, particularly associated with cytotoxicity for treating neoplasia.